

1 ABET related questions

Please answer the questions below on the SPOT form, below “ADDITIONAL QUESTIONS, DEPARTMENT”. Be careful to answer the questions on the SPOT form using the same number.

Use the following scale:

A = Strongly Agree B = Agree C = Neutral D = Disagree E = Strongly Disagree

1. I am able to understand and use thermodynamic property tables.
2. The class covered the material of the previous question sufficiently.
3. I am able to perform simple graphical analysis of the phase that a substance is in.
4. The class covered the material of the previous question sufficiently.
5. I am able to compute work performed by a substance during various processes.
6. The class covered the material of the previous question sufficiently.
7. I am able to apply the first law of thermodynamics to substances and control volumes.
8. The class covered the material of the previous question sufficiently.
9. I am able to perform first law thermodynamic calculations on the Stirling, Otto, Diesel, and Carnot cycles. This Includes the work, heat transfer, and change in internal energy for each process, as well as the full cycle.
10. The class covered the material of the previous question sufficiently.
11. I am able to compute thermal efficiencies and second law limitations for the above cycles.
12. The class covered the material of the previous question sufficiently.